

# **HRGX App for Apple iPhone Devices**

## **User Guide**

# Contents

<b>1</b>	<b>Introduction</b> . . . . .	<b>3</b>
	Overview . . . . .	3
	Mobile Device Requirements . . . . .	3
<b>2</b>	<b>Installing the HRGX App</b> . . . . .	<b>4</b>
<b>3</b>	<b>Running the HRGX App</b> . . . . .	<b>5</b>
	Getting Started . . . . .	5
	Managing Passwords . . . . .	6
<b>4</b>	<b>Managing Devices</b> . . . . .	<b>8</b>
	Adding a Device . . . . .	8
	Editing a Device's Settings . . . . .	9
	Deleting a Device . . . . .	10
<b>5</b>	<b>Viewing Live Video</b> . . . . .	<b>11</b>
	Starting Live View . . . . .	11
	Stopping Live View . . . . .	12
	Capturing Still Images . . . . .	13
	Recording Video . . . . .	13
	Controlling PTZ Cameras . . . . .	14
	Setting Image Quality . . . . .	15
	Configuring Alarm Outputs . . . . .	16
	Configuring Digital Zoom . . . . .	17
	Switching to Full-Screen Mode . . . . .	17
	Setting a Camera as a Favorite . . . . .	18
<b>6</b>	<b>Playing Back Recorded Video</b> . . . . .	<b>19</b>
	Starting Playback . . . . .	19
	Stopping Playback . . . . .	20
	Capturing Still Images . . . . .	20
	Creating a Clip . . . . .	21
	Configuring Digital Zoom . . . . .	21
<b>7</b>	<b>Managing Pictures and Video</b> . . . . .	<b>22</b>
	Viewing Saved Pictures and Video . . . . .	22
	Exporting Saved Pictures . . . . .	23
	Deleting Saved Pictures and Video . . . . .	23

# 1

## Introduction

---

### Overview

---

Honeywell's HRGX mobile app for iPhone devices lets you remotely monitor, search, play back video, and control PTZ cameras, from an embedded HRGX DVR via a wireless network connection.

With this app installed on your iPhone, you can log on to the front-end DVR or camera using WiFi or 3G. If no public IP address is available, the device can be accessed by using a dynamic domain name (host name) or by forwarding ports to the public IP of the router.

**Note** Carrier data rates may apply when using this software. Contact your carrier for information about data plan rates.

### Mobile Device Requirements

---

The HRGX mobile app can be installed on iPhone 4, iPhone 4S, iPhone 5, iPhone 5C, and iPhone 5S devices. Your device must be running iOS version 4.3 or higher.

The HRGX mobile app is also available for Apple iPad and for Android mobile devices. See the HRGX product page for details:

<http://www.honeywellvideo.com/products/video-systems/recording-devices/analog/performance-series/757666.html>



# 2

## Installing the HRGX App

### To install the app

1. Search for "HRGX" in the App Store.
2. Download and install the HRGX app on your iPhone.
3. Tap the HRGX app icon  to start the app.

# 3

## Running the HRGX App

---

### Getting Started

---

#### To start the app

- Tap the HRGX app icon .

#### To display the main menu

- Tap the menu button  in the upper left corner of the screen.

The main menu consists of the following options:

	<b>Live View</b>	Opens the Live View interface for viewing live video, controlling PTZ cameras, and managing alarm outputs.
	<b>Remote Playback</b>	Opens the Remote Playback interface for playing back recorded video files.
	<b>Devices</b>	Opens the Device Manager interface for viewing and managing devices.
	<b>Alarm</b>	Opens the Alarm Management interface for enabling/disabling alarm notification, managing alarm information, and viewing alarm linkage information.
	<b>Picture &amp; Video</b>	Opens the Picture and Video Management interface for viewing and managing local video files and pictures.
	<b>Configuration</b>	Opens the Configuration interface for setting password protection, viewing Help, configuring software updates, and checking the software version.

#### To select a camera for viewing

- Tap the camera list button  in the upper right corner of the screen.

---

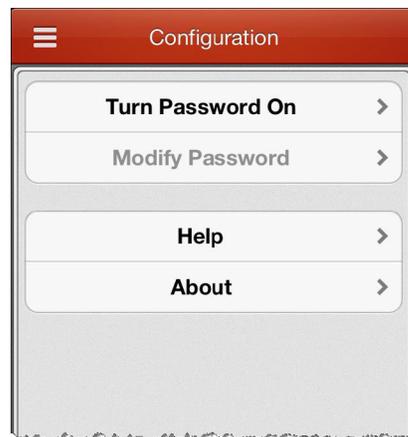
## Managing Passwords

---

Password protection prevents unauthorized persons from accessing the HRGX app on your device.

### To enable password protection

1. On the **Live View** screen, tap the menu button  to display the main menu.
2. Tap **Configuration** .
3. Tap **Turn Password On**.



4. On the **Password Protection** screen, enter a four-digit password.



### To modify your password

1. On the **Live View** screen, tap the menu button  to display the main menu.
2. Tap **Configuration** .
3. Tap **Modify Password**.
4. In the **Old** field, enter your old password.
5. In the **New** field, enter your new password.
6. In the **Confirm** field, re-enter your new password.



The image displays three sequential screenshots of the 'Modify Password' screen. Each screen has a red header with a back arrow and the title 'Modify Password'. The first screen is labeled 'Old' and shows four empty input boxes. The second screen is labeled 'New' and also shows four empty input boxes. The third screen is labeled 'Confirm' and shows four empty input boxes. Below the input fields is a numeric keypad with digits 1-9, 0, and a clear (X) button. The keypad layout is as follows:

1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
	0	X

### To disable password protection

1. On the **Live View** screen, tap the menu button  to display the main menu.
2. Tap **Configuration** .
3. Tap **Turn Password Off**.
4. Enter the password to confirm.

# 4

## Managing Devices

---

### Adding a Device

---

To remotely view video from a DVR or network camera, or to remotely control a network PTZ camera, you must add a device.

#### To add a device

1. On the main menu, tap **Devices** .
2. In the Device Manager interface, tap  to add a new device.
3. In the **Alias** field, enter a name for the device.
4. Tap **Register Mode**, and then select **hrgDDNS**, **IP/Domain**, or **IP Server**.
5. Configure the following settings:

<b>hrgDDNS</b>	<b>IP/Domain</b>	<b>IP Server</b>
<ol style="list-style-type: none"><li>1. In the <b>Server address</b> field, enter the hrgDDNS server address.</li><li>2. In the <b>Device domain</b> field, enter the device domain name registered on the hrgDDNS server.</li></ol>	<ol style="list-style-type: none"><li>1. In the <b>Address</b> field, enter the IP address or domain address of the device.</li><li>2. In the <b>Port</b> field, enter the port number of the device. The default port number is <b>8000</b>.</li></ol>	<ol style="list-style-type: none"><li>1. In the <b>Server address</b> field, enter the IP server address.</li><li>2. In the <b>Identifier</b> field, enter the device identifier (the device name or serial number).</li></ol>

6. In the **User Name** field, enter the device login user name. The default user name is **admin**.
7. In the **Password** field, enter the device login password. The default password is **12345**.
8. Tap the **Save** button  in the upper right corner of the screen to save the settings.

---

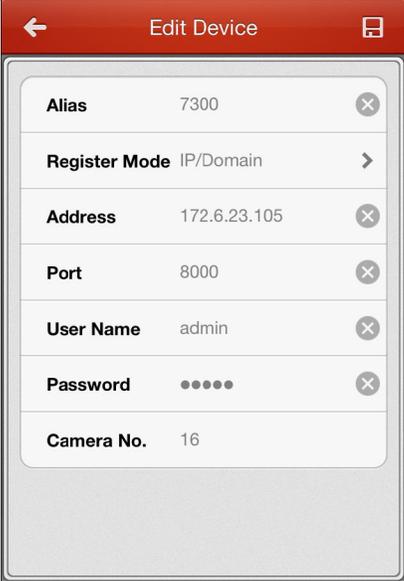
## Editing a Device's Settings

---

You can edit the settings of a device that you have added.

### To edit a device's settings

1. On the main menu, tap **Devices** .
2. In the Device Manager interface, tap the device that you want to edit.
3. Tap the edit button  in the upper right corner of the screen.



The screenshot shows the 'Edit Device' screen with the following settings:

Setting	Value	Action
Alias	7300	✕
Register Mode	IP/Domain	>
Address	172.6.23.105	✕
Port	8000	✕
User Name	admin	✕
Password	•••••	✕
Camera No.	16	

4. You can edit any of the following settings:
  - **Alias**
  - **Register Mode**
  - **Server address**
  - **Address**
  - **Device domain**
  - **Port**
  - **Identifier**
  - **User Name**
  - **Password**
5. Tap the **Save** button  in the upper right corner of the screen to save the settings.

---

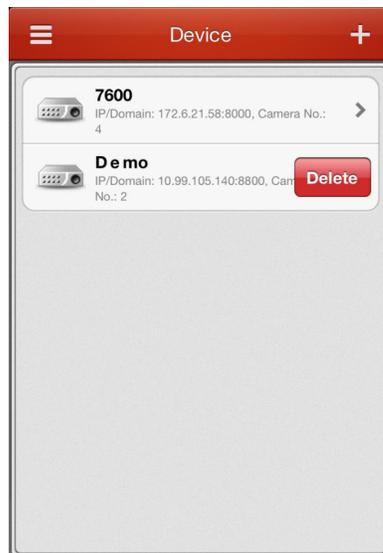
## Deleting a Device

---

You can delete a device that you have added.

### To delete a device

1. On the main menu, tap **Devices** .
2. In the Device Manager interface, slide the device you want to delete from right to left to display the **Delete** button, and then tap **Delete**.



# 5

## Viewing Live Video

After the device is successfully added, you can view live video from the device, and, if supported, enable or disable the alarm output and control PTZ movement.

---

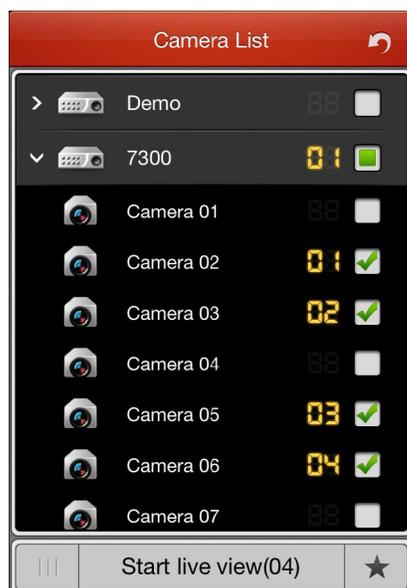
### Starting Live View

---

#### To start viewing live video

1. On the main menu, tap **Live View** .
2. In the Live View interface, tap the camera list button , and then select the check boxes of the devices/cameras that you want to view. You can select up to 16 cameras to view at a time.

Selecting a device's check box automatically selects all of that device's cameras. To select specific cameras, tap the device to display the list of cameras and select the check boxes of the cameras that you want to view.



### 3. Tap **Start live view**.

The Live View toolbar, located at the bottom of the screen, contains the following buttons:

Button	Description	Button	Description
	Capture		Audio control
	Record		Two-way audio control
	PTZ control		Alarm output control
	Image quality		Digital zoom
	Stop all live view		

In normal mode, only five buttons are visible at a time. Swipe the toolbar to display the remaining buttons. In full-screen mode, the toolbar disappears after a few seconds. Tap the screen to bring it back. If you want, you can drag the toolbar to reposition it.

## Stopping Live View

### To stop viewing live video from all cameras

- On the Live View toolbar, tap the **Stop all live view** button .

### To stop viewing live video from a specific camera

- Drag the channel to the top of the screen, and then drop it into the trashcan when trashcan icon changes from green  to red .



---

## Capturing Still Images

---

### To save a still image to your mobile device

- Tap the channel that you want to save the image from to make it the active window, and then, on the Live View toolbar, tap the **Capture** button .

You can view and manage captured images in the Picture & Video management interface. See CROSS-REFERENCE.

---

## Recording Video

---

### To start recording a video clip

- Tap the channel that you want to record to make it the active window, and then, on the Live View toolbar, tap the **Record** button . The icon changes to red and a red dot appears in the upper left corner of the window.

### To stop recording a video clip

- Tap the **Record** button again.

You can view and manage video clips in the Picture & Video management interface. See CROSS-REFERENCE.

## Controlling PTZ Cameras

In PTZ control mode, you can:

- move the camera left or right, up or down
- start/stop the auto-scan
- zoom in or out
- increase or decrease the focus
- increase or decrease the iris
- set presets
- call presets

### To control a PTZ camera

- Tap the channel that you want to control to make it the active window, and then, on the Live View toolbar, tap the **PTZ control** button . The icon changes to red and the PTZ controls are displayed directly over the toolbar.



-  Start/stop autoscan
-  Zoom + / -
-  Focus + / -
-  Iris + / -
-  Set/call preset

### To move the camera left or right, up or down

- Swipe your finger across the screen in the direction you want the camera to move.

### To start/stop auto-scan

- Tap .

### To zoom in or out

- Pinch your fingers together or spread them apart while touching the screen.
- Alternatively, tap , and then tap + or -.

### To increase or decrease focus

- Tap , and then tap + or –.

### To increase or decrease iris

- Tap , and then tap + or –.

### To set a preset

1. Move the camera to the position you want to set as a preset using the PTZ controls, and then tap .



2. In the dialog box, select the preset number you want to set (choose a value between 001 and 256), and then tap **Set**.

### To call a preset

1. Tap .
2. In the dialog box, select the preset number you want to call, and then tap **Call**.

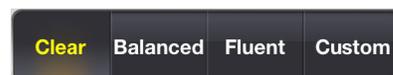
---

## Setting Image Quality

---

### To change a channel's image quality settings

- Tap the channel to make it the active window and then, on the Live View toolbar, tap the **Image quality** button . The icon changes to red and four image quality setting options are displayed directly over the toolbar.



You can select one of the predefined settings (**Clear**, **Balanced**, or **Fluent**) or create your own custom setting.

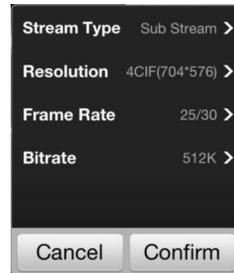
---

**Note** Changing the image quality settings will change the recording file size.

---

### To customize a channel's image quality settings

1. Tap **Custom**.



2. Configure the following parameters:
  - **Stream Type:** Select **Main Stream** or **Sub Stream**.
  - **Resolution:** Select **QCIF** (lowest quality), **CIF**, **2CIF**, **4CIF**, or **WD1** (highest quality).
  - **Frame Rate:** Select a value between **1/16** and **25/30** fps.
  - **Bitrate:** Select a value between **32K** and **3072K**.
3. Tap **Confirm** to save the settings.

---

## Configuring Alarm Outputs

---

### To enable alarm outputs

1. Tap the channel to make it the active window and then, on the Live View toolbar, tap the **Enable alarm outputs** button . The icon changes to red and the alarm output control panel is displayed directly over the toolbar.



2. On the alarm output control panel, tap the alarm output(s) you want to enable. The alarm output is enabled when the icon changes from  to .

### To disable alarm outputs

- On the alarm output control panel, tap the alarm output(s) you want to disable. The alarm output is disabled when the icon changes from  to .
- To disable all alarm outputs, on the Live View toolbar, tap the **Disable alarm outputs** button .

---

## Configuring Digital Zoom

---

### To enable digital zoom

- Tap the channel to make it the active window and then, on the Live View toolbar, tap the **Digital zoom** button . The icon changes to red and the selected channel expands to fill the screen.

### To zoom in or out

- While touching the screen, pinch your fingers together to zoom in, or spread them apart to zoom out.

### To disable digital zoom

- On the Live View toolbar, tap the **Digital zoom** button .

---

## Switching to Full-Screen Mode

---

### To switch to full-screen mode

- Rotate your iPhone ninety degrees to enter full-screen mode. If you want, you can tap and drag the Live View toolbar to reposition it.



---

**Note** To use the full-screen mode feature, the rotation lock on your iPhone must be off.

---

---

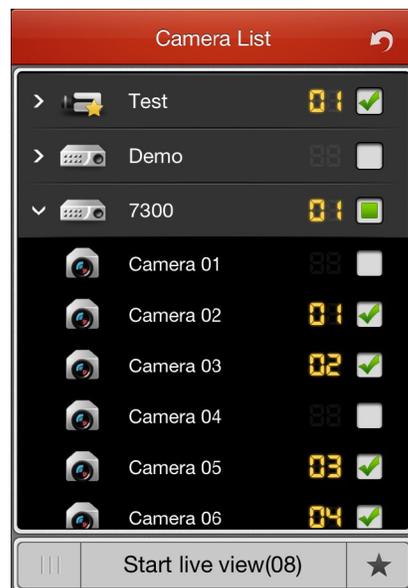
## Setting a Camera as a Favorite

---

You can designate frequently used cameras as "favorites" for quick access.

### To set a camera as a favorite

1. In the Live View interface, tap the camera list button .
2. Select the check boxes of the camera(s) that you want to designate as a favorite, and then tap the star button  in the bottom right corner of the screen.
3. In the popup dialog box, type a name for the favorite, and then tap **Confirm** to save the setting. The favorite is added to the camera list.



# 6

## Playing Back Recorded Video

You can remotely search for and play back recorded video from an added device.

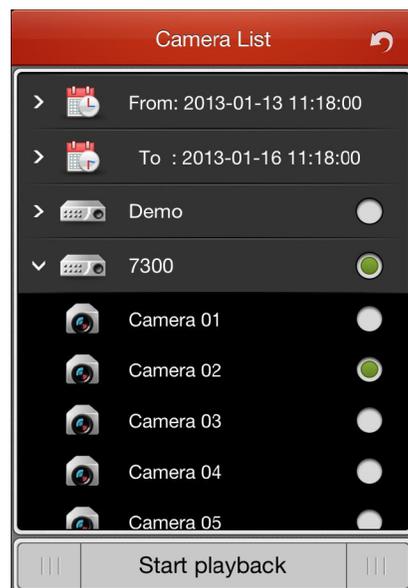
---

### Starting Playback

---

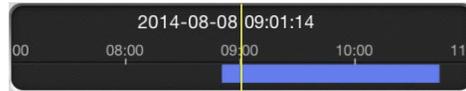
#### To start playing back video

1. On the main menu, tap **Remote Playback** .
2. In the Remote Playback interface, tap the camera list button .



3. Define the playback start time and end time in the **From** and **To** fields.
4. Tap the device, and then the camera, that you want to play back video from, and then tap **Start playback**.

- Swipe left or right on the timeline bar to adjust the playback position.



## Remote Playback Toolbar

The Remote Playback toolbar, located at the bottom of the screen, contains the following buttons:

Button	Description	Button	Description
	Capture		Mute/Audio on
	Clip		Stop playback
	Pause/Play		Digital zoom

In full-screen mode, you can drag the toolbar to reposition it on the screen.

---

## Stopping Playback

---

### To stop playback

- On the Remote Playback toolbar, tap the **Stop playback** button .
- Alternatively, tap and hold the playback window, and then drag it to the top of the screen. Drop it into the trashcan when trashcan icon changes from  to .

---

## Capturing Still Images

---

### To save a still image to your mobile device

- On the Remote Playback toolbar, tap the **Capture** button .
- You can view and manage captured images in the Picture & Video management interface. See CROSS-REFERENCE.

---

## Creating a Clip

---

### To start saving video during playback

- On the Remote Playback toolbar, tap the **Clip** button .

### To stop saving video during playback

- On the Remote Playback toolbar, tap the **Clip** button  again.

You can view and manage video clips in the Picture & Video management interface. See [CROSS-REFERENCE](#).

---

## Configuring Digital Zoom

---

### To enable digital zoom during playback

1. On the Remote Playback toolbar, tap the **Digital zoom** button .

### To zoom in or out

- While touching the screen, pinch your fingers together to zoom in, or spread them apart to zoom out.

### To disable digital zoom

- On the Live View toolbar, tap the **Digital zoom** button .

# 7

## Managing Pictures and Video

In the Picture and Video Management interface you can view and manage still images and video that were captured and recorded during Live View and Remote Playback. You can export your saved image and video files to your computer via iTunes. You can also send the image files to the photo album on your iPhone.

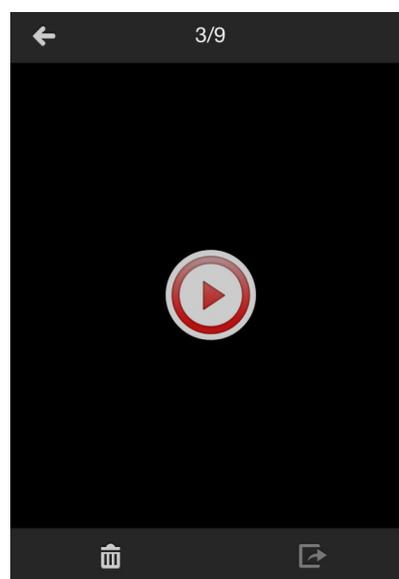
---

### Viewing Saved Pictures and Video

---

#### To view a saved image or video file

1. On the main menu, tap **Picture & Video** . The Picture & Video interface opens.
2. Tap the image or video you want to view. To play a video, tap the play button.



To zoom in or out, while touching the screen, pinch your fingers together or spread them apart. To view in full-screen mode, rotate your iPhone ninety degrees.

---

## Exporting Saved Pictures

---

### To export a saved image to your iPhone's photo album

- Tap the image you want to export, tap the export button  at the bottom of the screen, and then tap **Confirm**.

---

## Deleting Saved Pictures and Video

---

### To delete a saved image or video file

- Tap the image or video you want to delete, tap the delete button  at the bottom of the screen, and then tap **Confirm**.

**Honeywell Security Products Americas (Head Office)**

2700 Blankenbaker Pkwy, Suite 150  
Louisville, KY 40299, USA  
[www.honeywell.com/security](http://www.honeywell.com/security)  
☎ +1 800 323 4576

**Honeywell Security Northern Europe**

Ampèrestraat 41  
1446 TR Purmerend, The Netherlands  
[www.honeywell.com/security/nl](http://www.honeywell.com/security/nl)  
☎ +31 (0) 299 410 200

**Honeywell Security Europe/South Africa**

Aston Fields Road, Whitehouse Industrial Estate  
Runcorn, WA7 3DL, United Kingdom  
[www.honeywell.com/security/uk](http://www.honeywell.com/security/uk)  
☎ +44 (0) 1928 754 028

**Honeywell Security Deutschland**

Johannes-Mauthe-Straße 14  
72458 Albstadt, Germany  
[www.honeywell.com/security/de](http://www.honeywell.com/security/de)  
☎ +49 (0) 7431 801-0

**Honeywell Security Products Americas  
Caribbean/Latin America**

9315 NW 112th Ave.  
Miami, FL 33178, USA  
[www.honeywell.com/security/clar](http://www.honeywell.com/security/clar)  
☎ +1 305 805 8188

**Honeywell Security France**

Immeuble Lavoisier  
Parc de Haute Technologie  
3-7 rue Georges Besse  
92160 Antony, France  
[www.honeywell.com/security/fr](http://www.honeywell.com/security/fr)  
☎ +33 (0) 1 40 96 20 50

**Honeywell Security Asia Pacific**

35F Tower A, City Center, 100 Zun Yi Road  
Shanghai 200051, China  
[www.asia.security.honeywell.com](http://www.asia.security.honeywell.com)  
☎ +86 21 2219 6888

**Honeywell Security Italia SpA**

Via della Resistenza 53/59  
20090 Buccinasco  
Milan, Italy  
[www.honeywell.com/security/it](http://www.honeywell.com/security/it)  
☎ +39 (0) 2 4888 051

**Honeywell Security Middle East/N. Africa**

Emaar Business Park, Sheikh Zayed Road  
Building No. 2, Office No. 301  
Post Office Box 232362  
Dubai, United Arab Emirates  
[www.honeywell.com/security/me](http://www.honeywell.com/security/me)  
☎ +971 (0) 4 450 5800

**Honeywell Security España**

Avenida de Italia, n° 7, 2ª planta  
C.T. Coslada  
28821 Coslada, Madrid, Spain  
[www.honeywell.com/security/es](http://www.honeywell.com/security/es)  
☎ +34 902 667 800

# Honeywell

[www.honeywell.com/security](http://www.honeywell.com/security)

+1 800 323 4576 (North America only)

<https://www.honeywellsystems.com/ss/techsupp/index.html>

Document 800-19166 – Rev A – 08/2014

© 2014 Honeywell International Inc. All rights reserved. No part of this publication may be reproduced by any means without written permission from Honeywell. The information in this publication is believed to be accurate in all respects. However, Honeywell cannot assume responsibility for any consequences resulting from the use thereof. The information contained herein is subject to change without notice. Revisions or new editions to this publication may be issued to incorporate such changes.